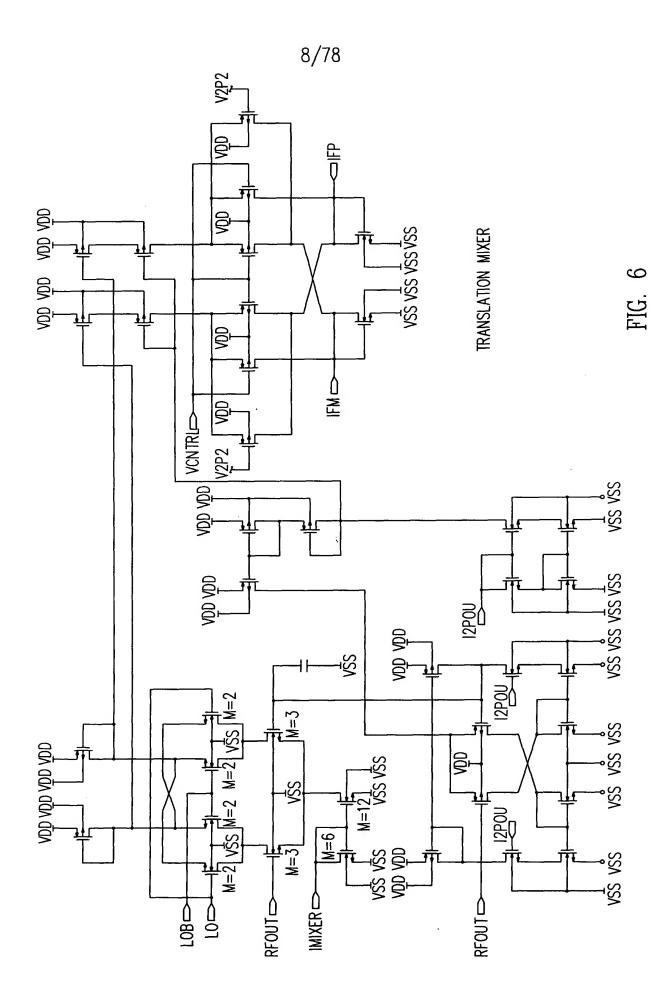
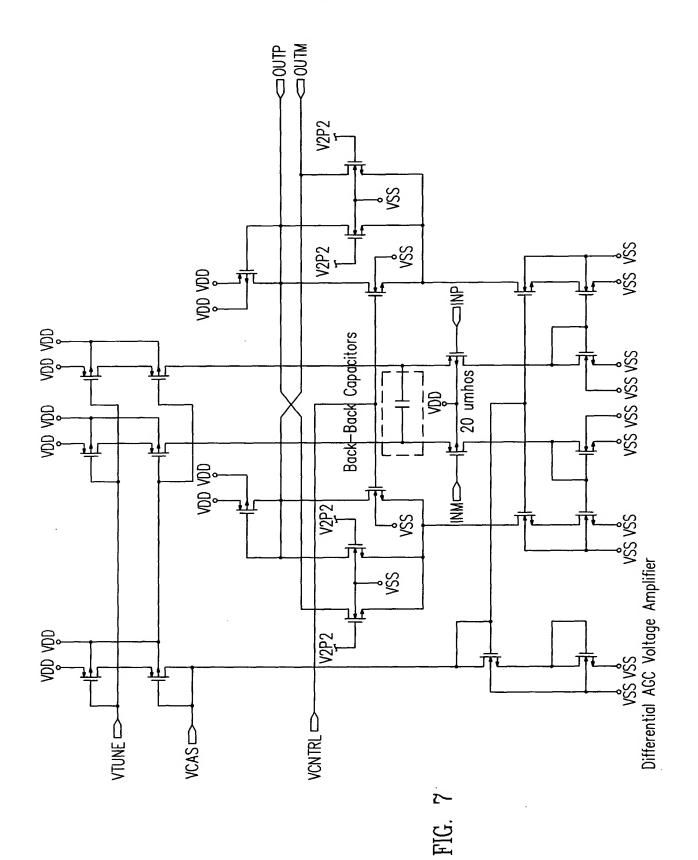
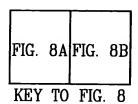


FIG. 5







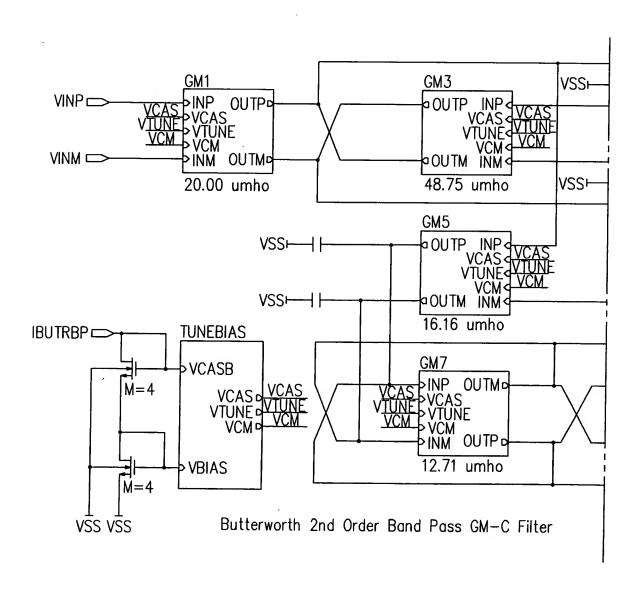


FIG. 8A

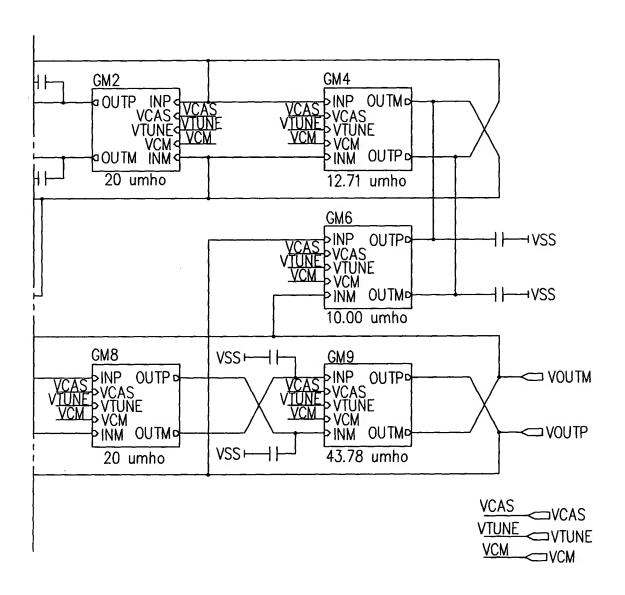


FIG. 8B

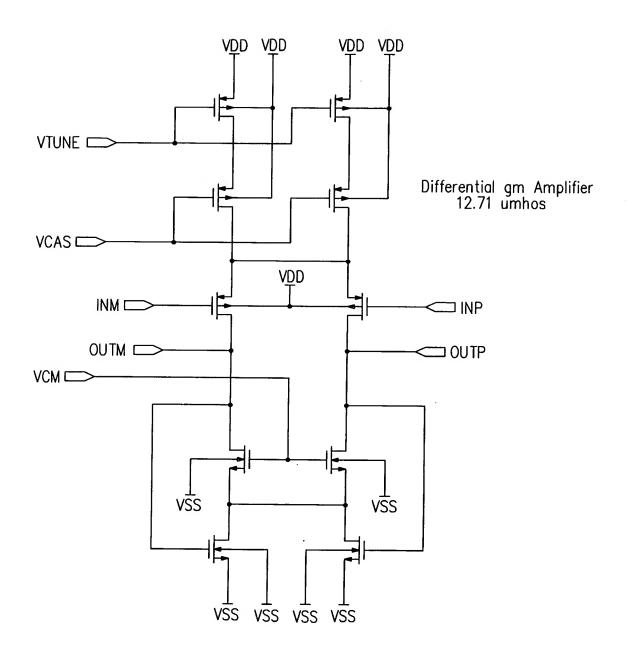


FIG. 9

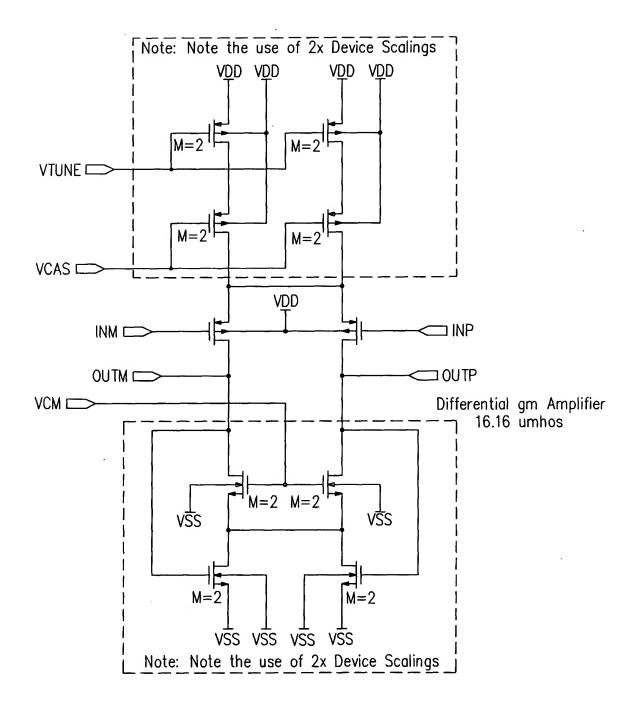


FIG. 10

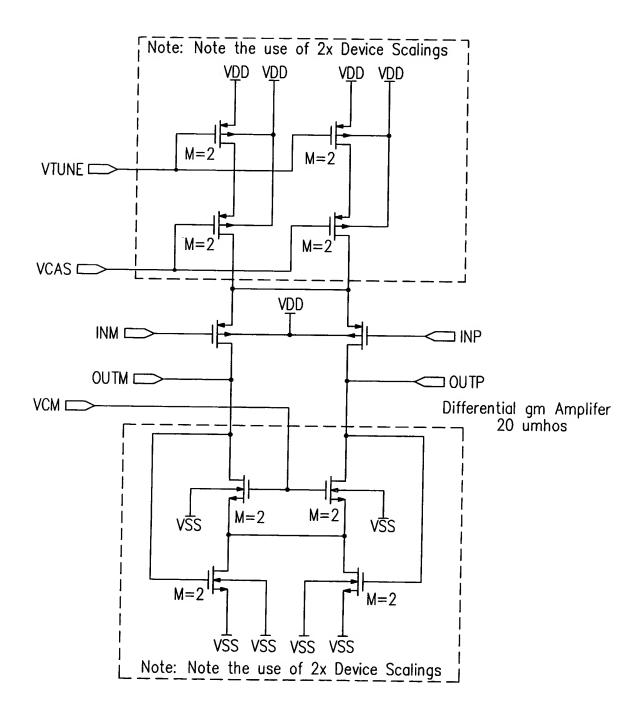


FIG. 11

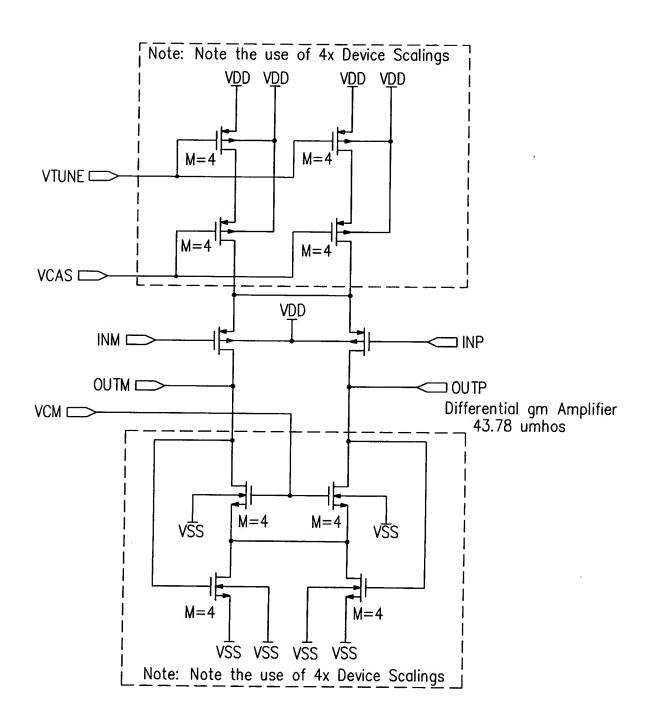


FIG. 12

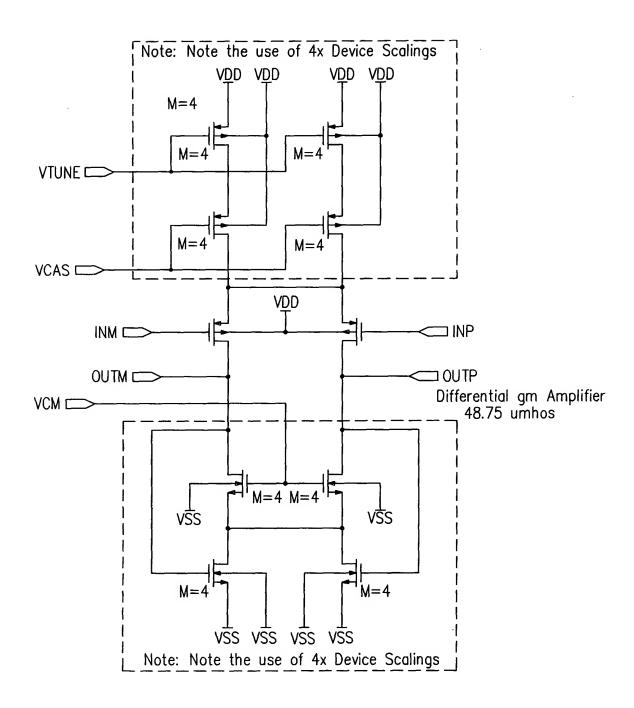


FIG. 13

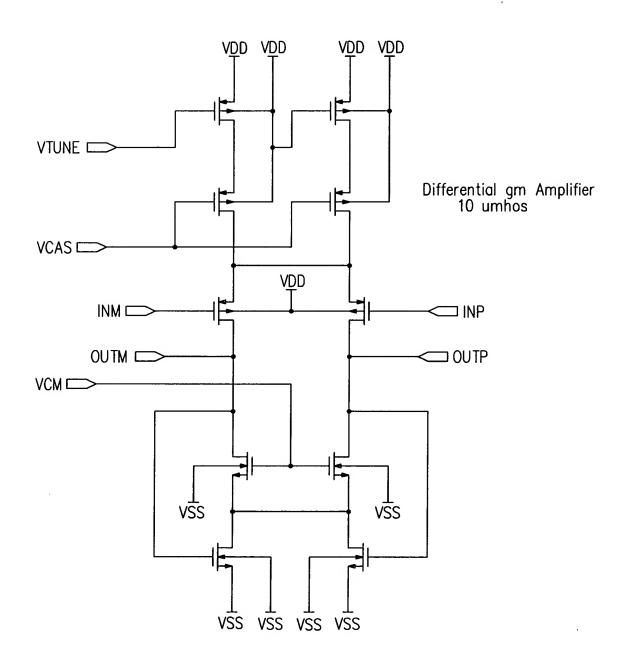
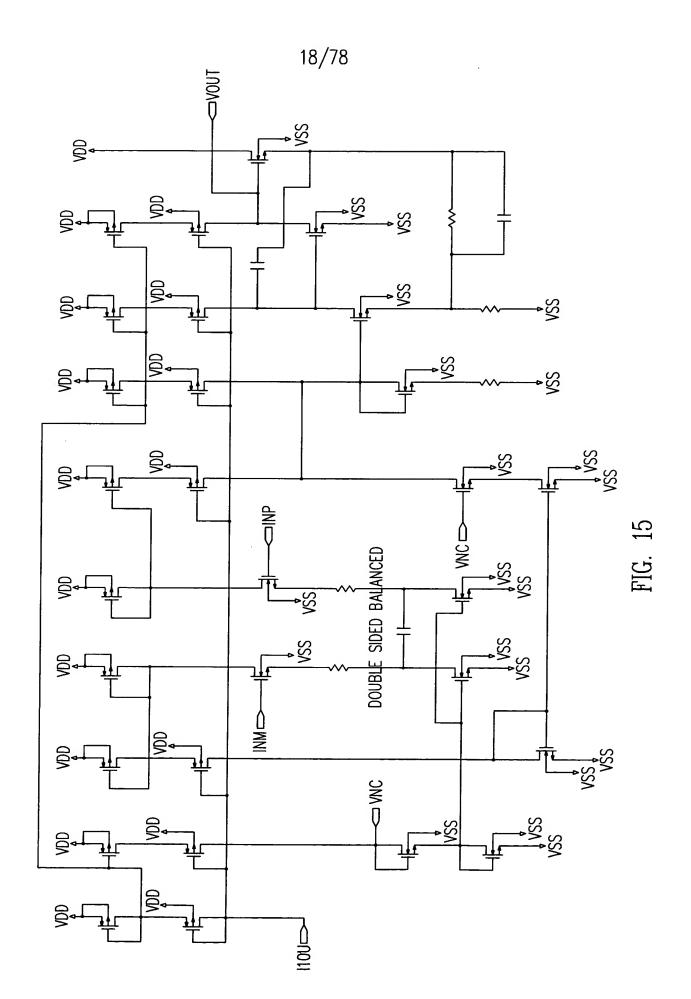
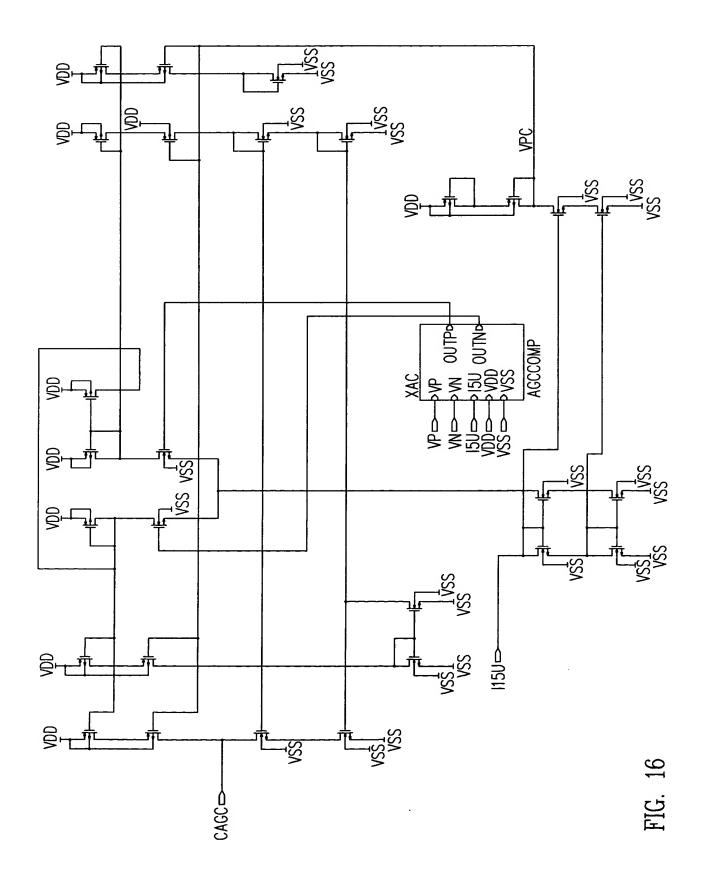


FIG. 14





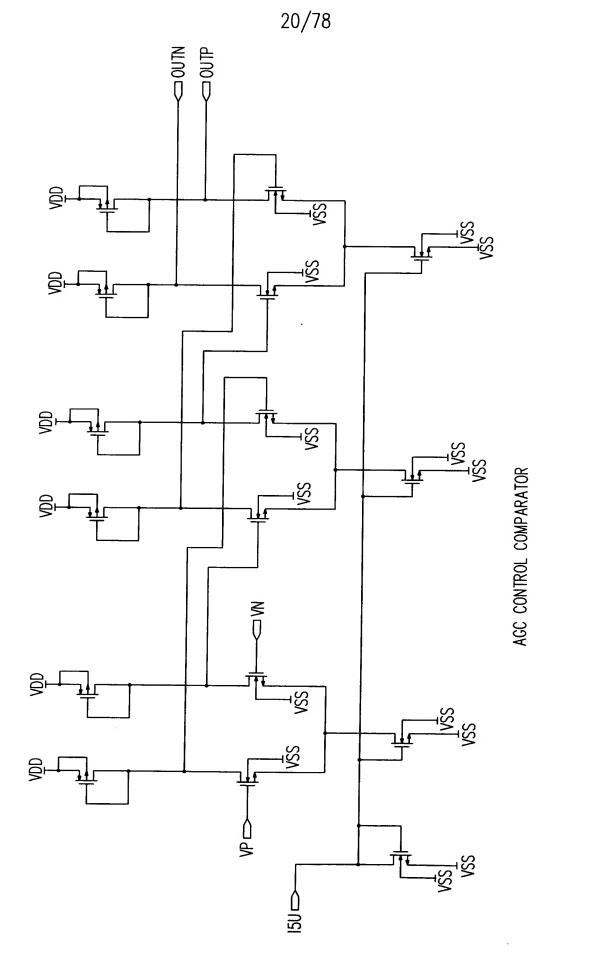


FIG. 17

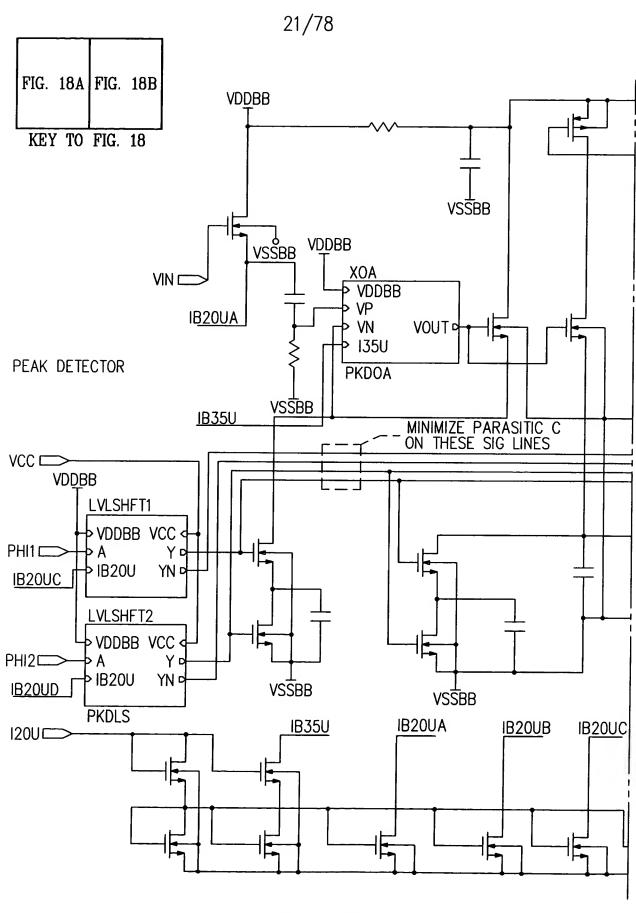


FIG. 18A

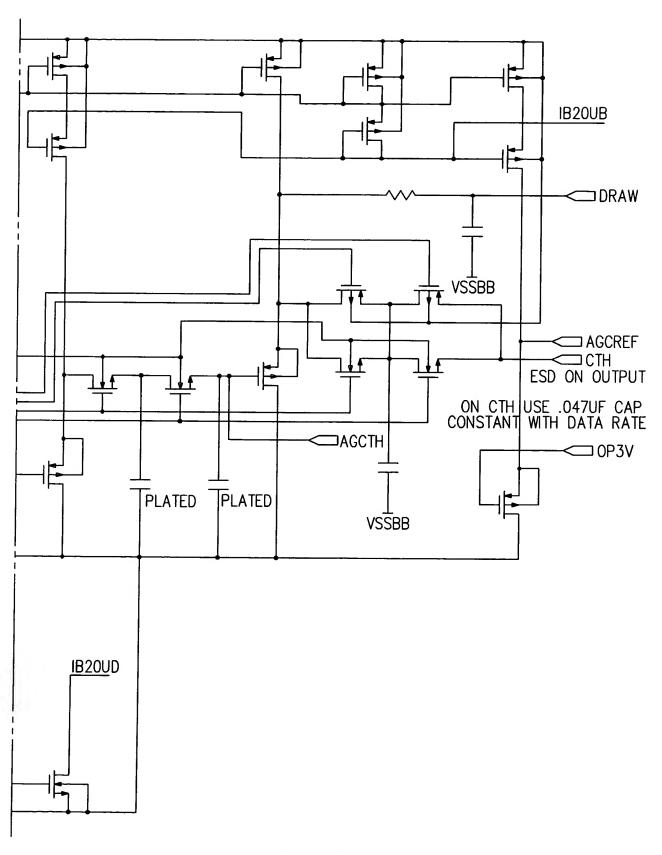
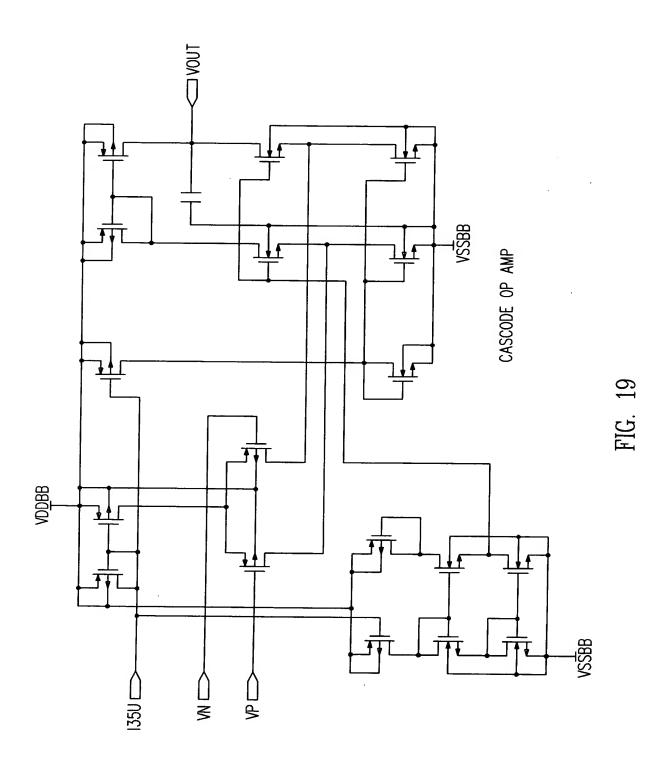


FIG. 18B



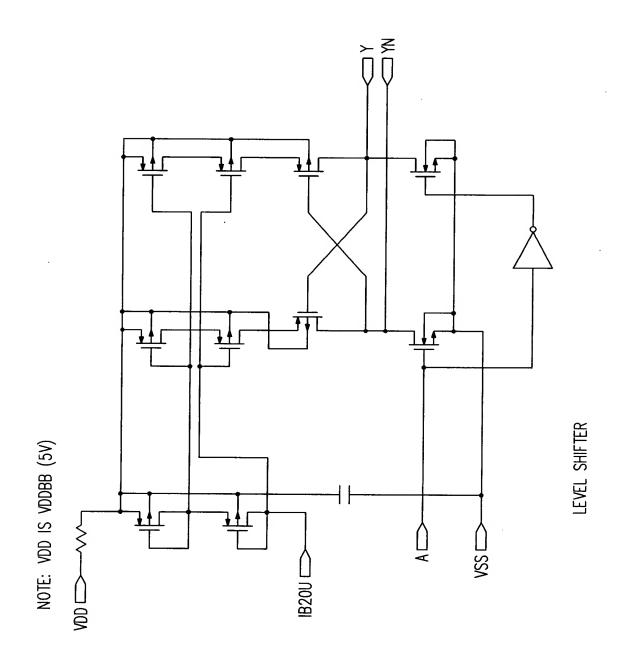


FIG. 20

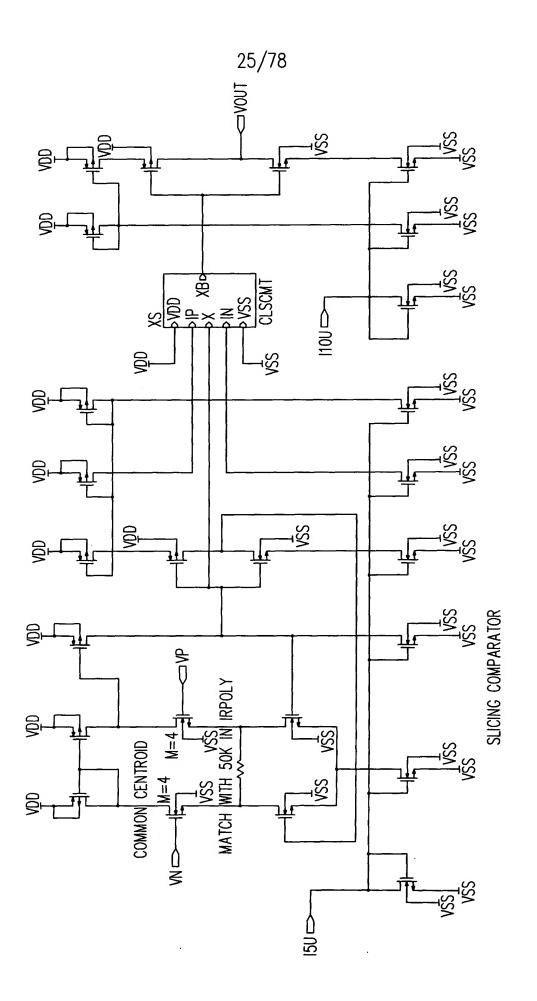


FIG. 21

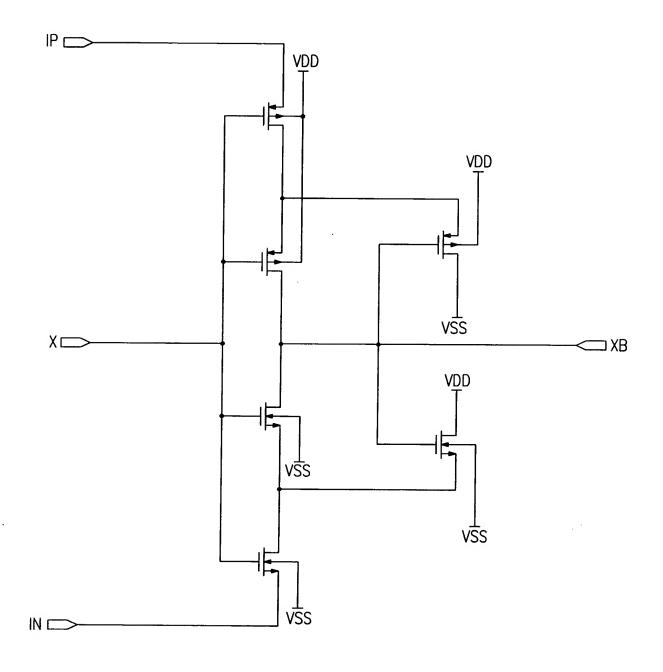
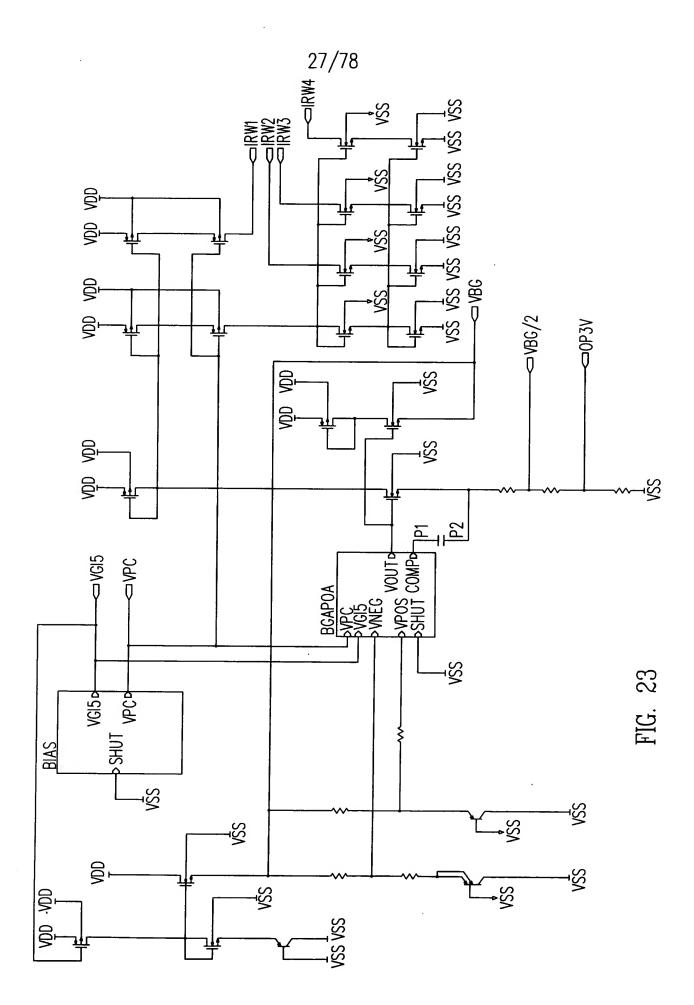
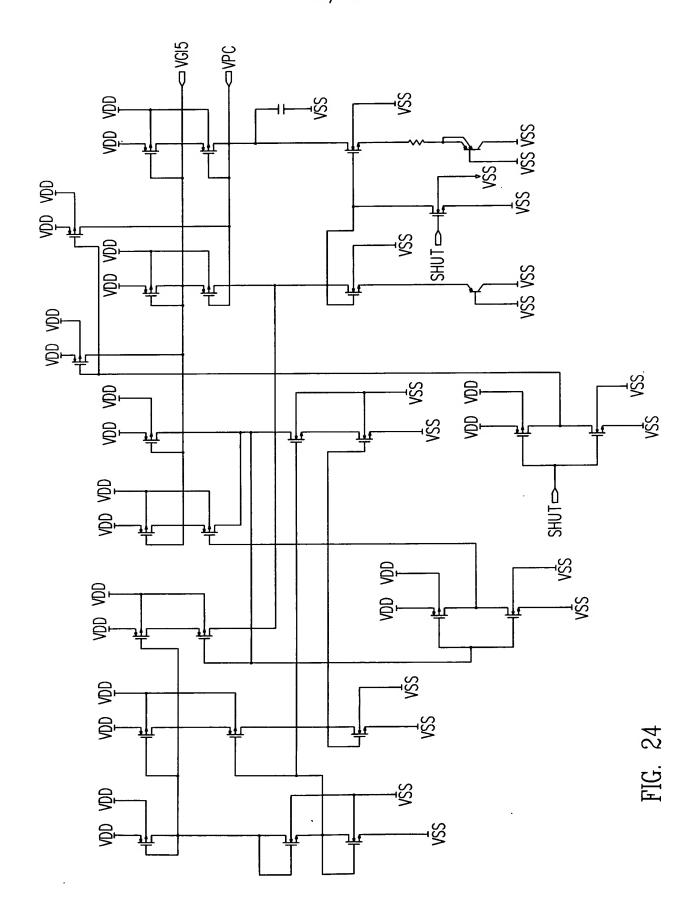


FIG. 22





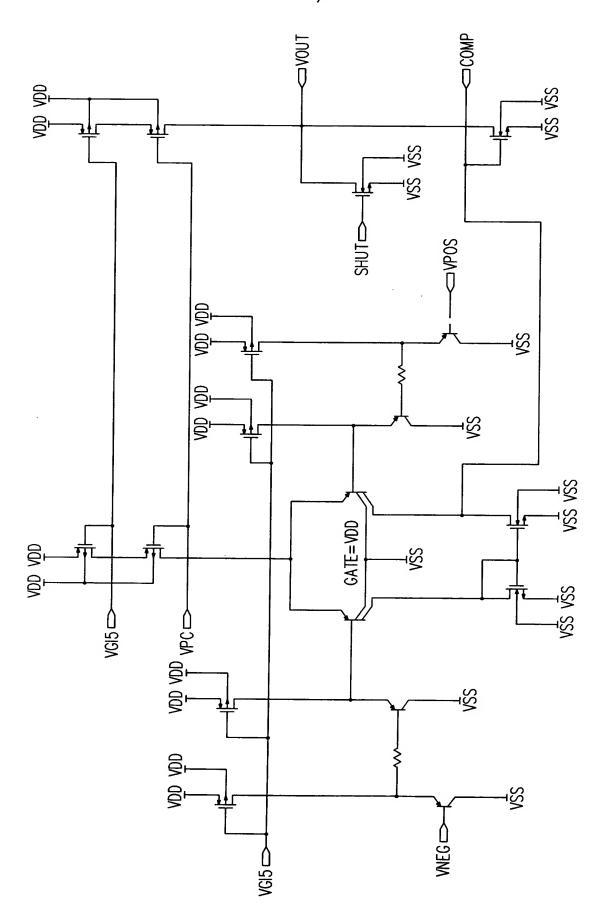


FIG. 25

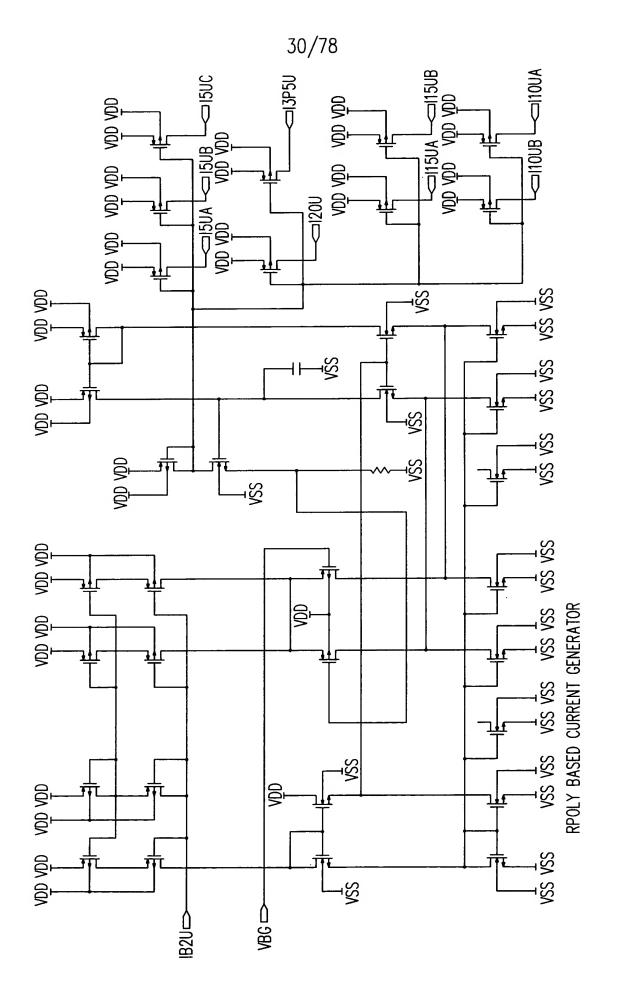


FIG. 26

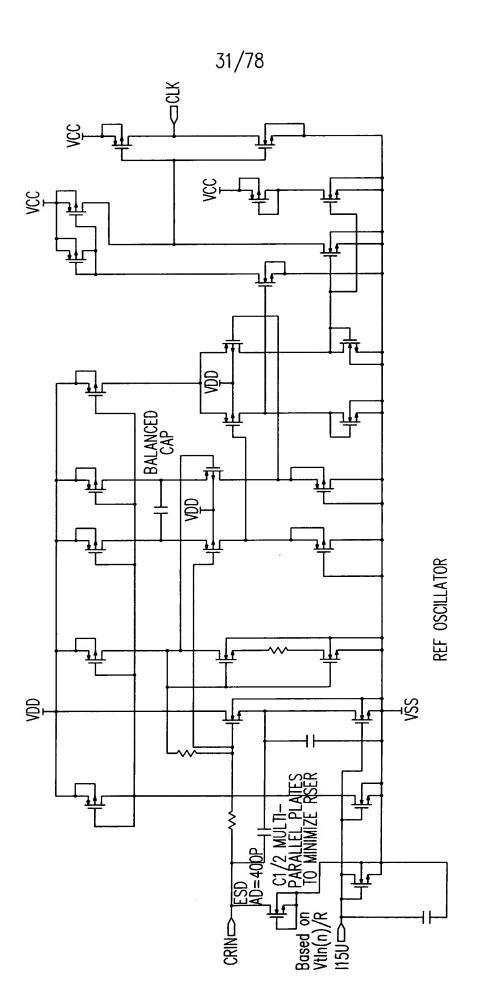
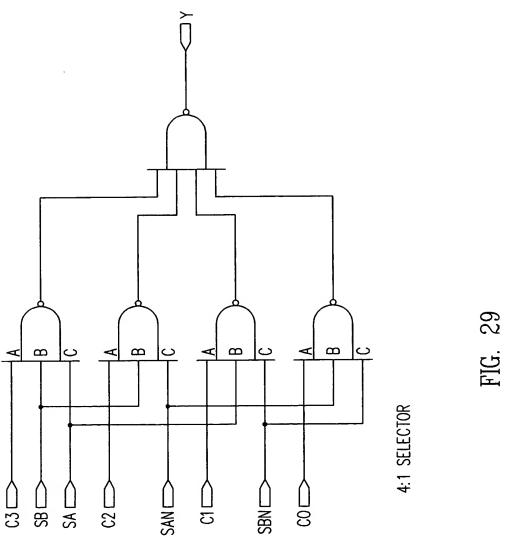
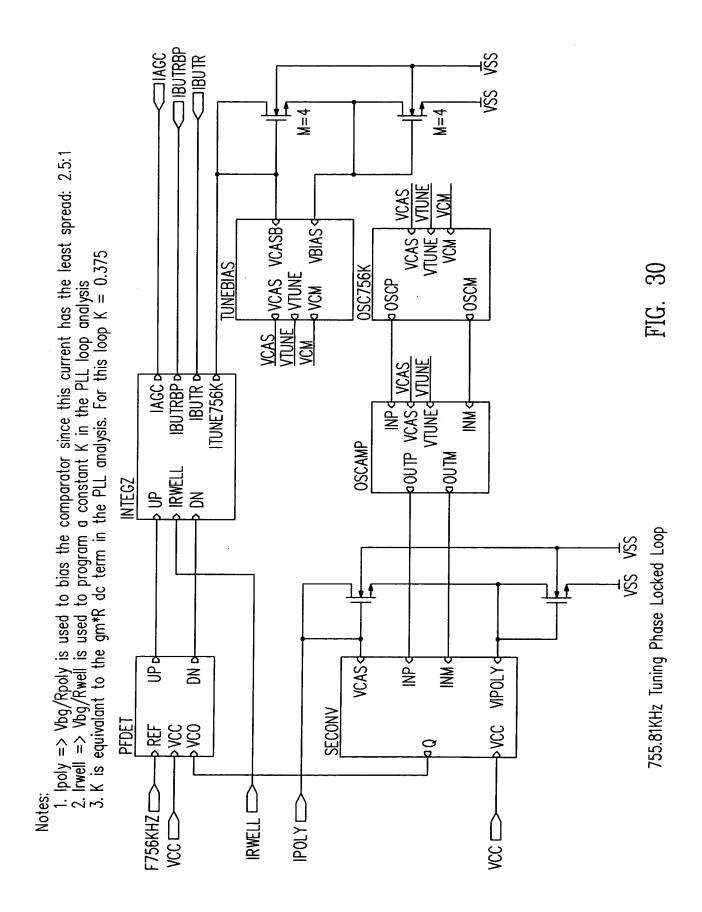
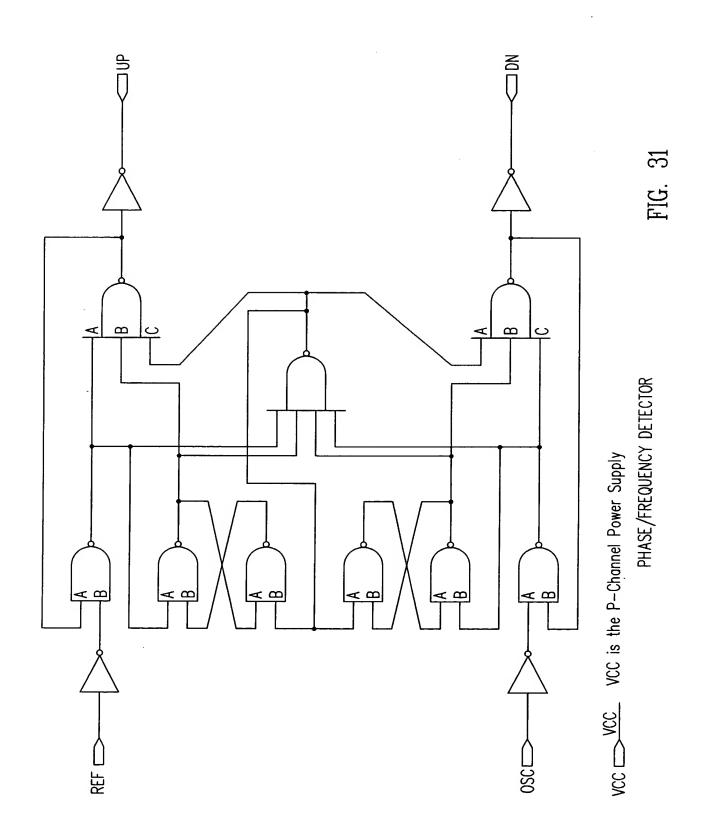
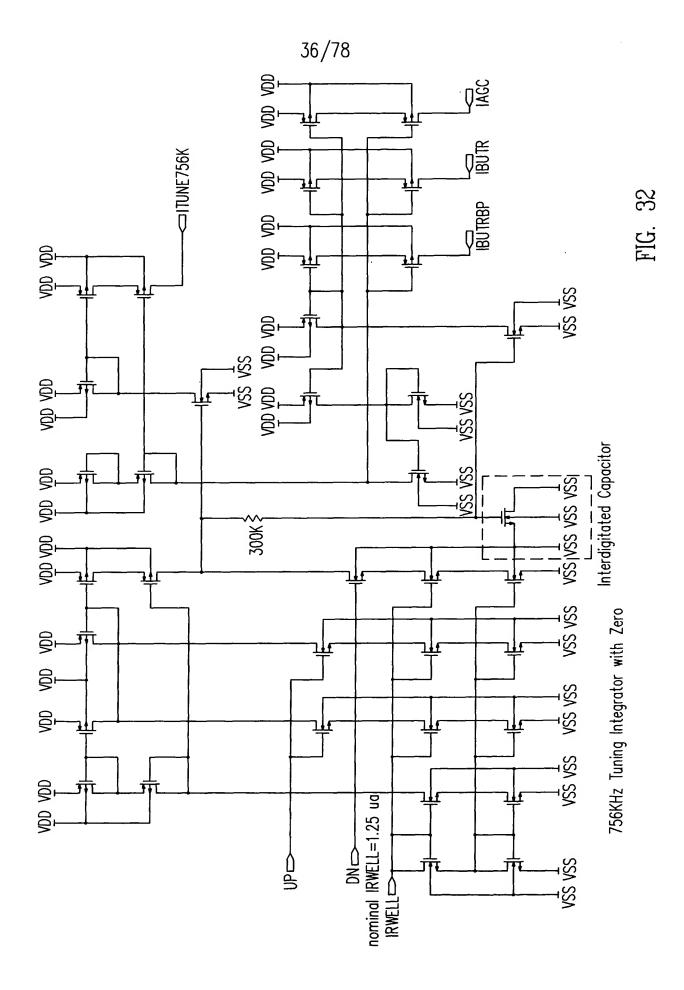


FIG. 27









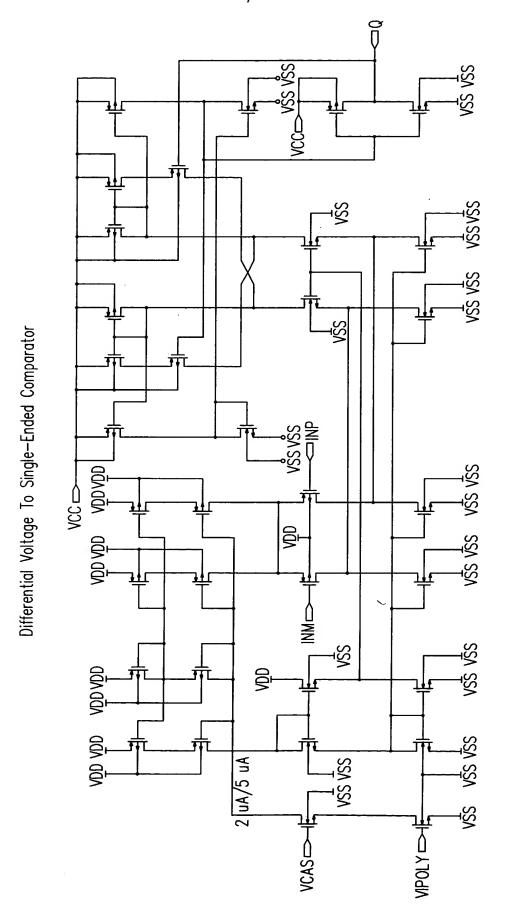


FIG. 33

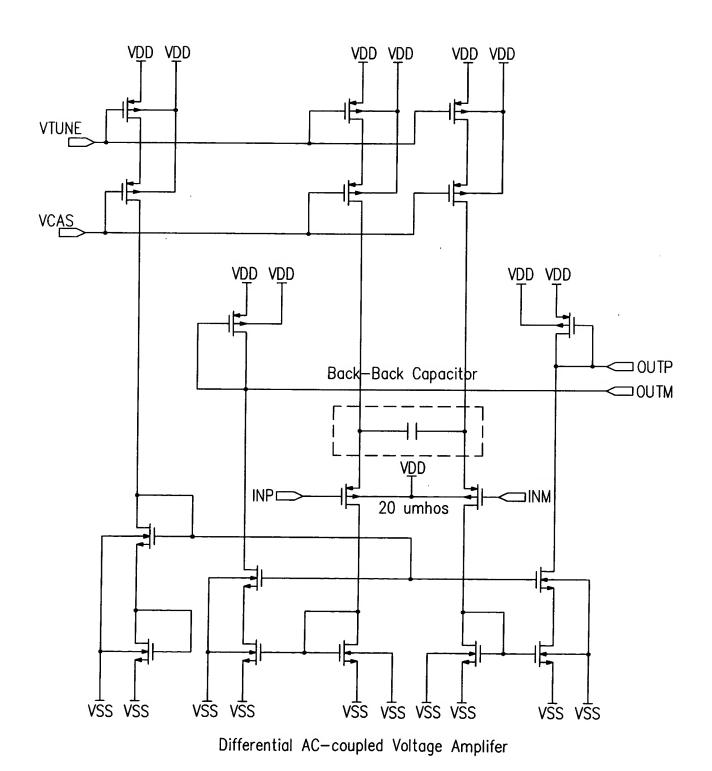


FIG. 34

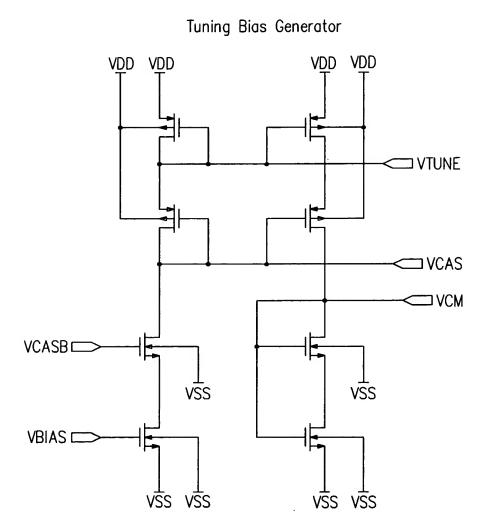


FIG. 35

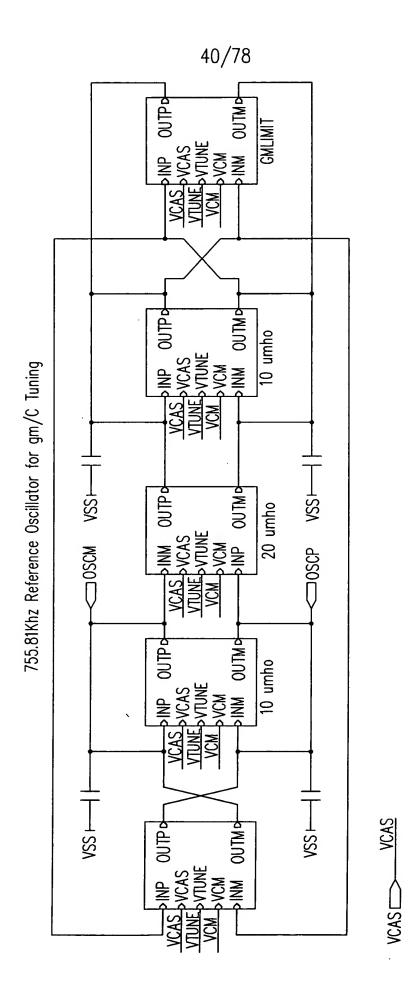


FIG. 36

VTUNE

VTUNE C

VCM VCM

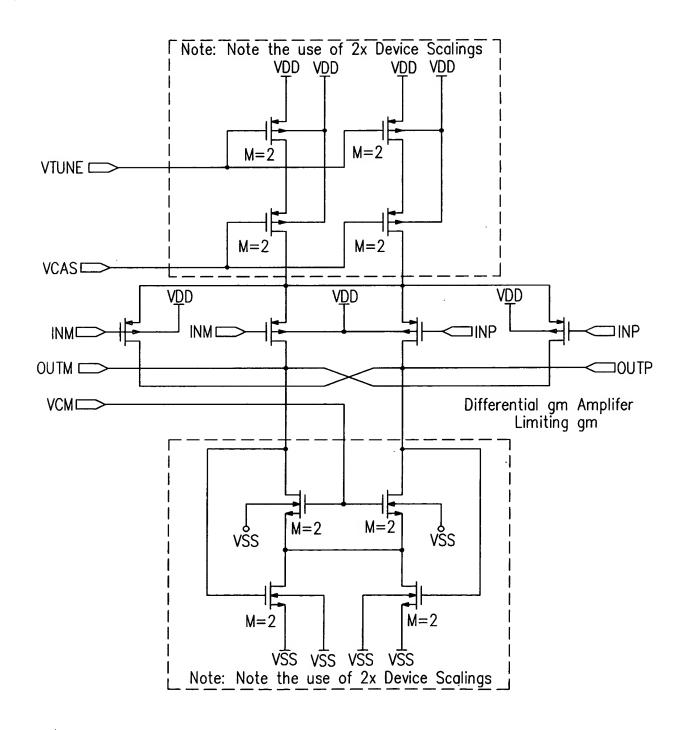
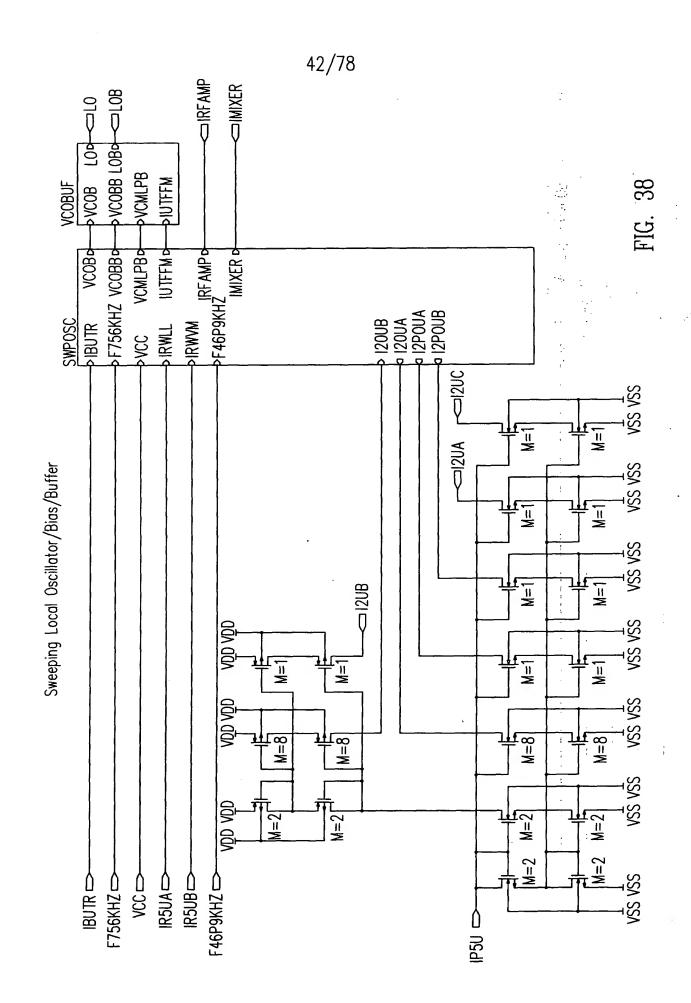
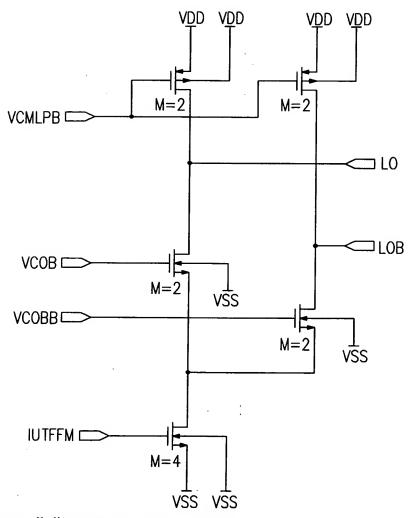


FIG. 37





VCO "B" PORT VOLTAGE BUFFER

FIG. 39

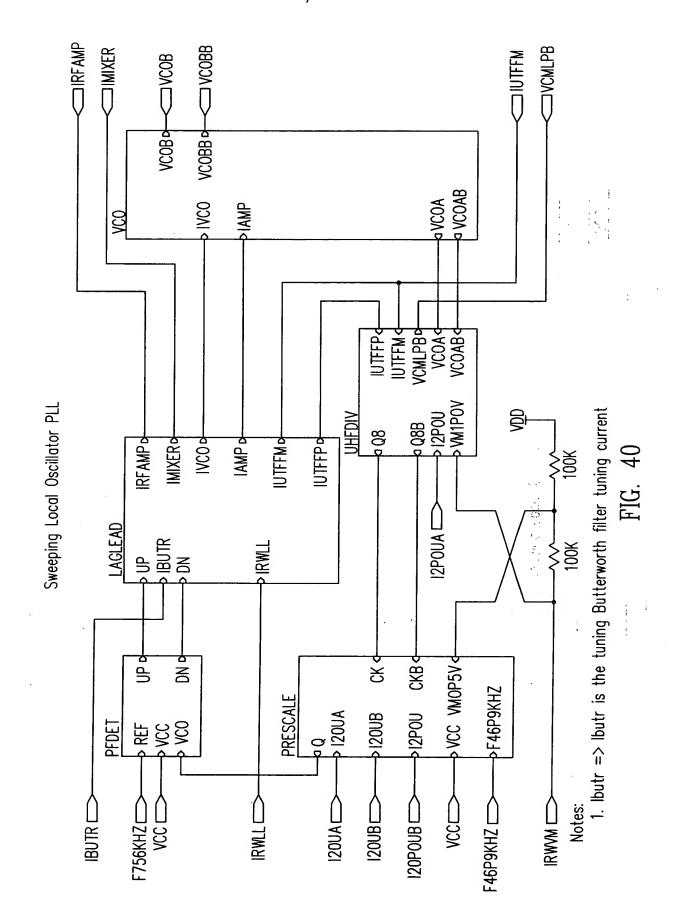


FIG. 41A

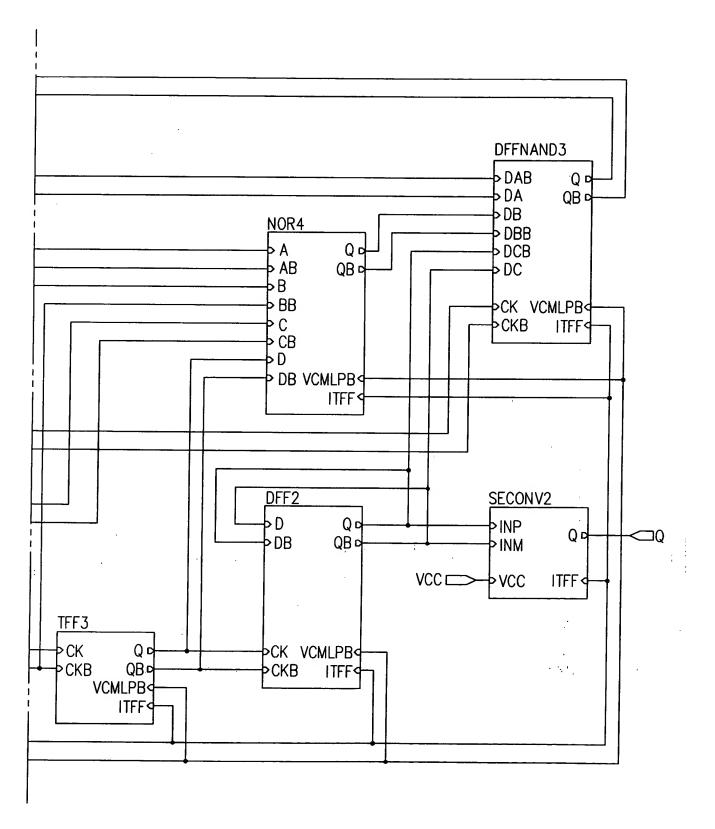
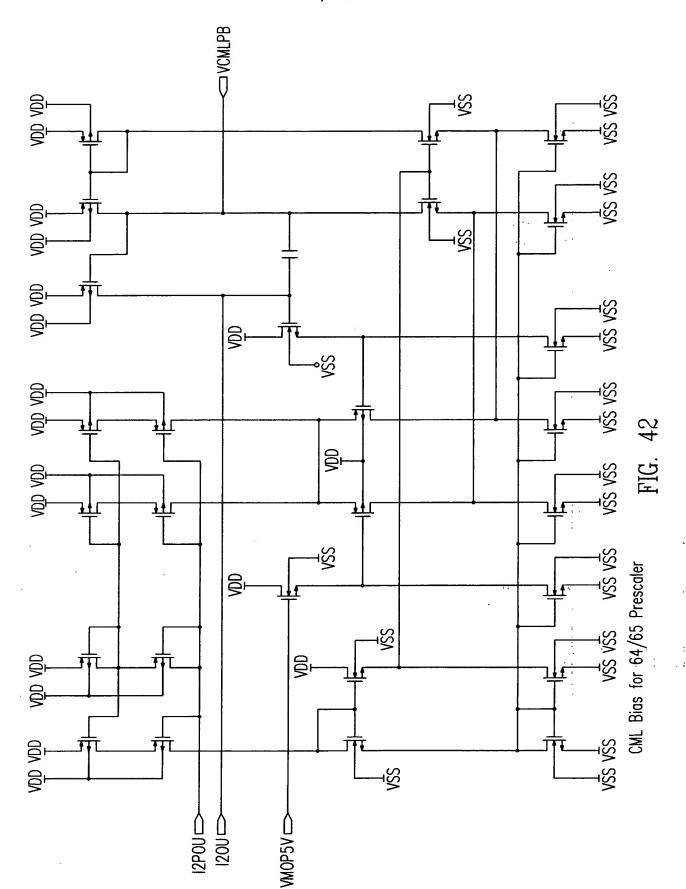


FIG. 41B



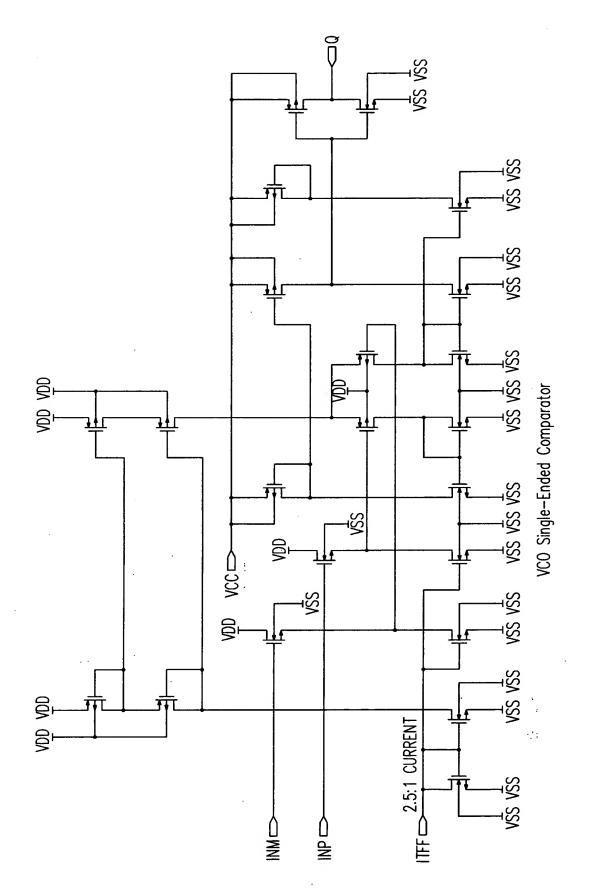
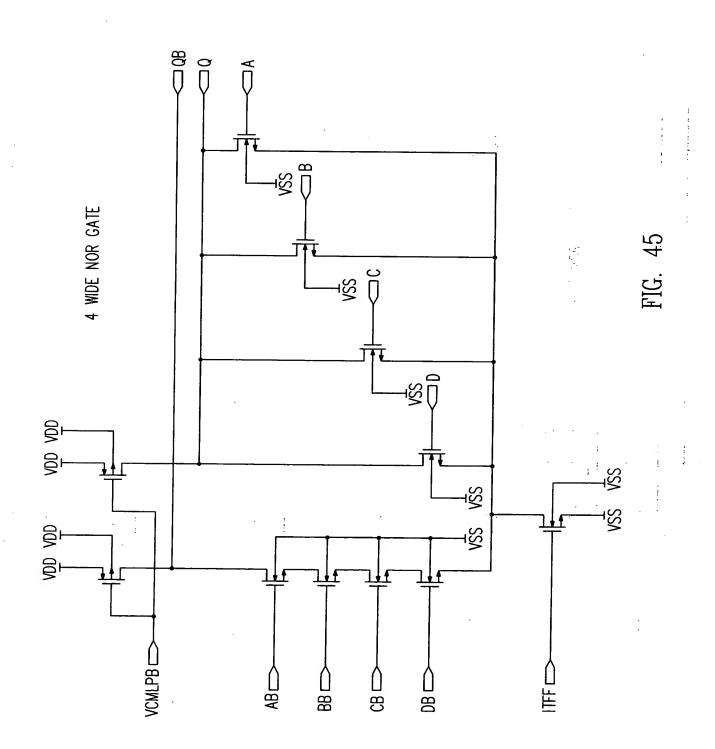
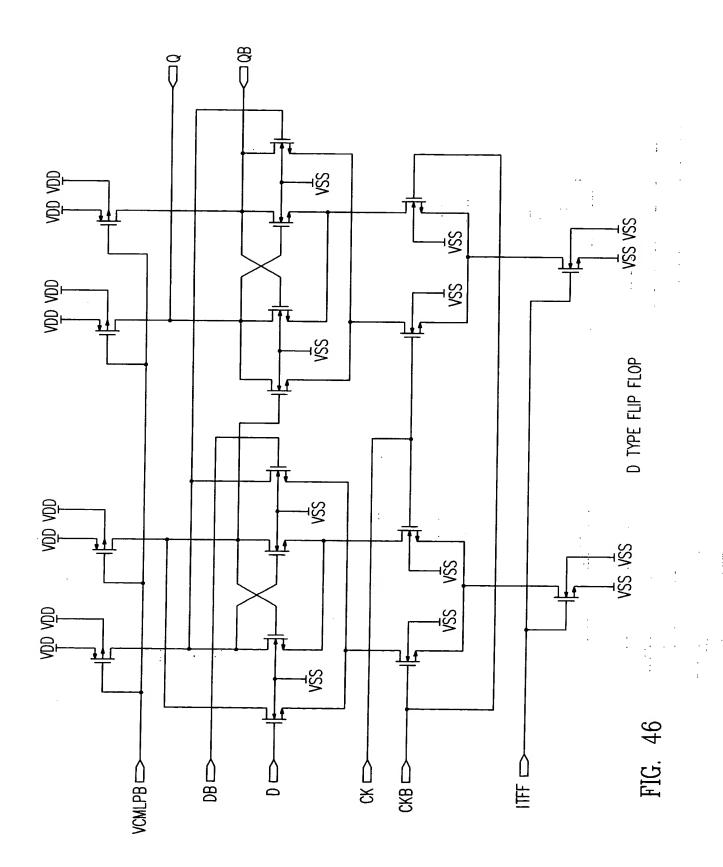
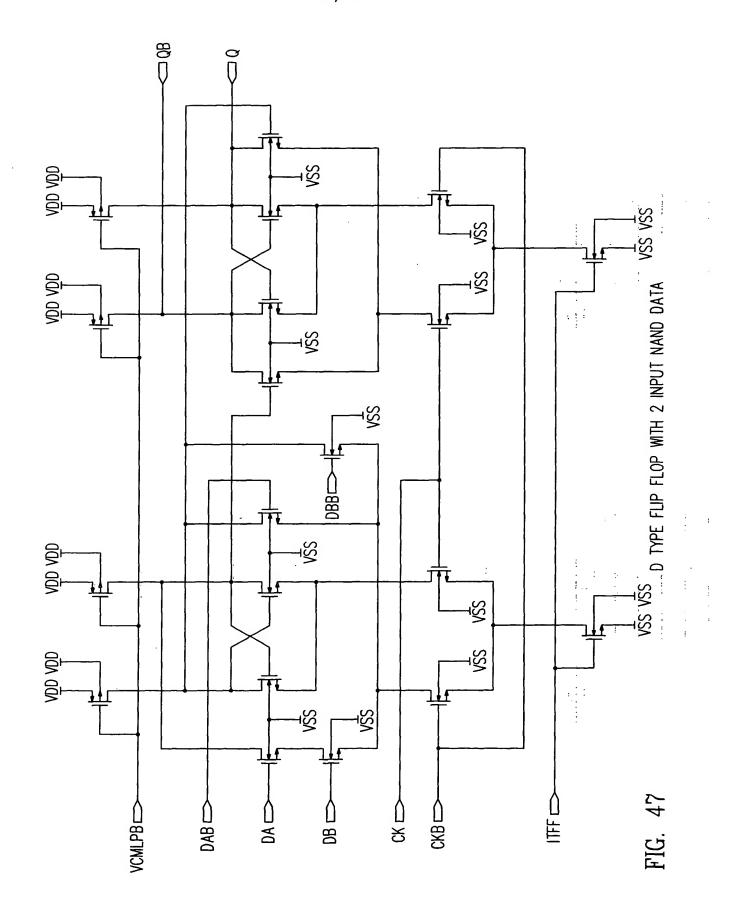
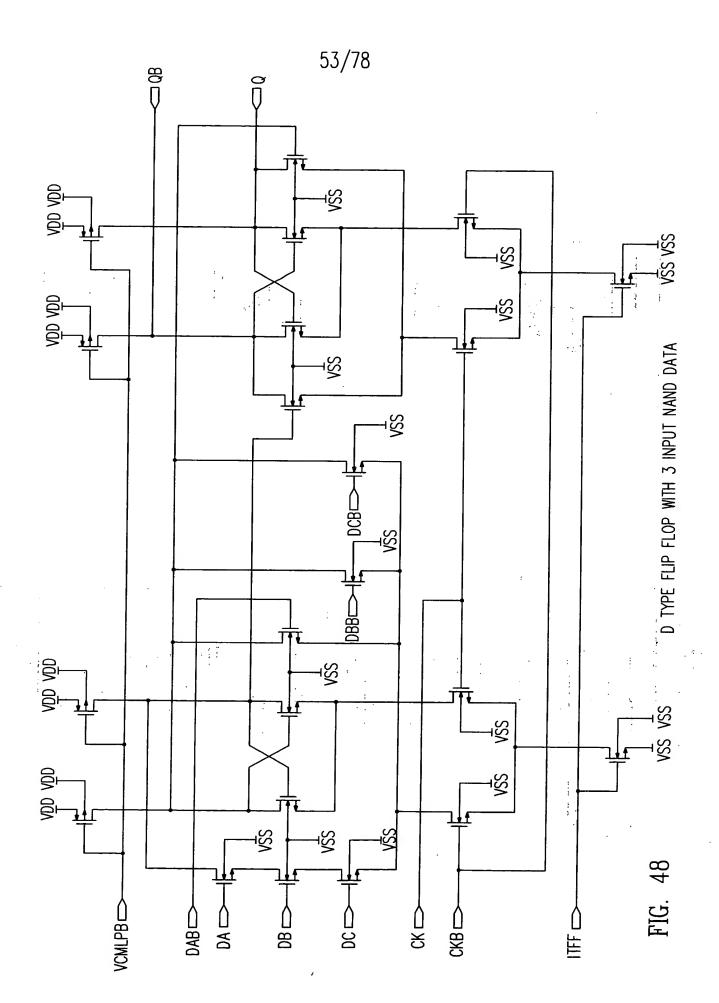


FIG. 43









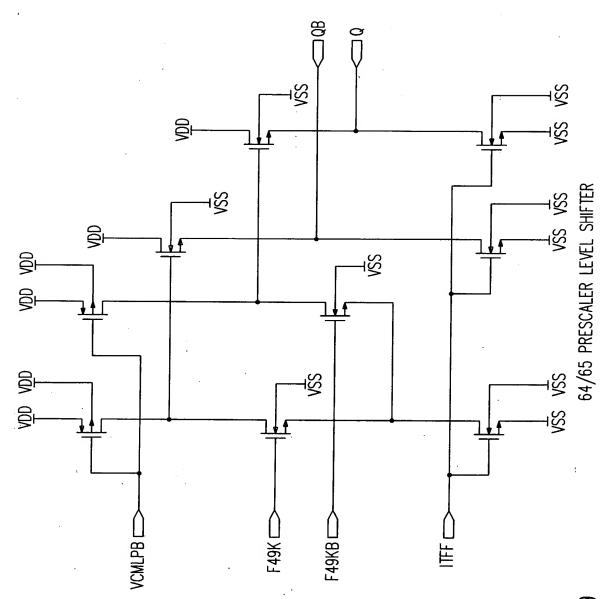


FIG. 49

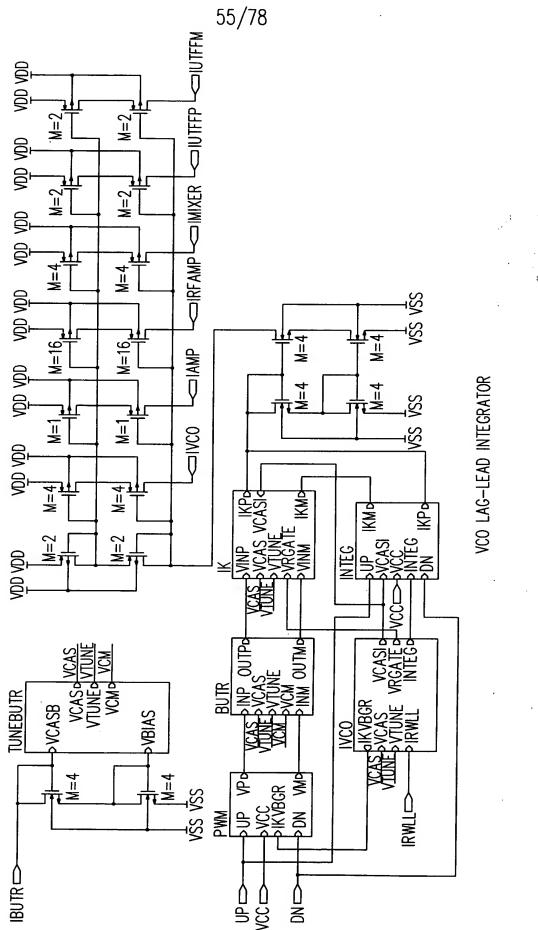


FIG. 50

## Tuning Bias Generator For Butterworth Bandpass Filter

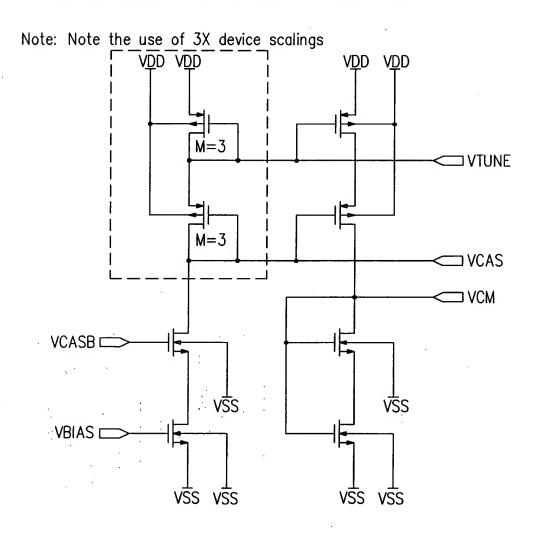


FIG. 51

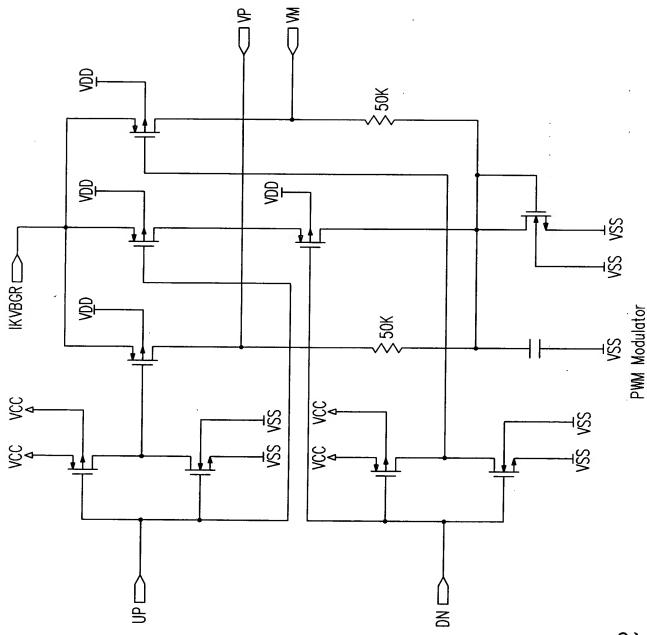


FIG. 52

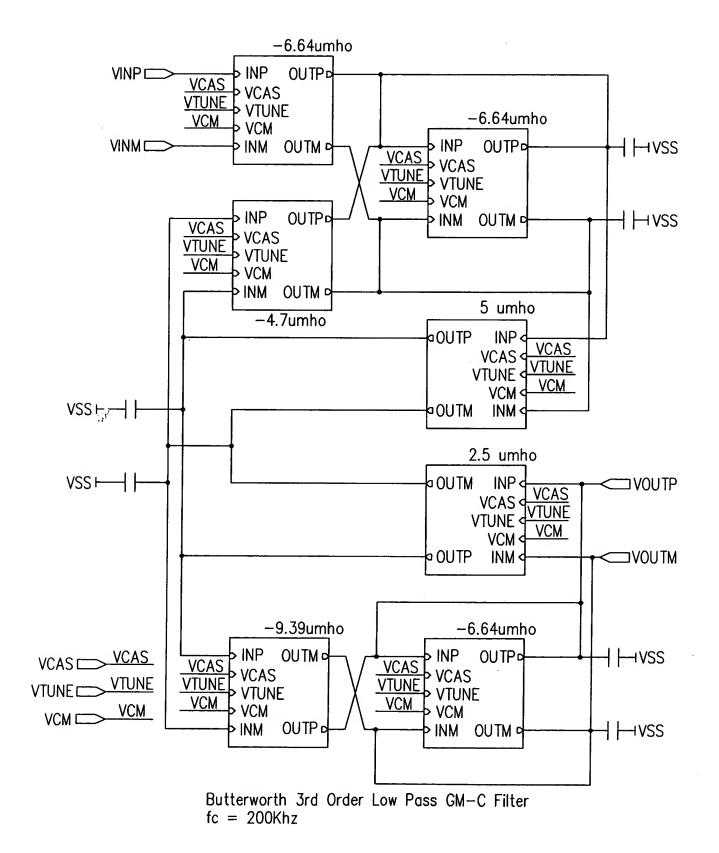


FIG. 53

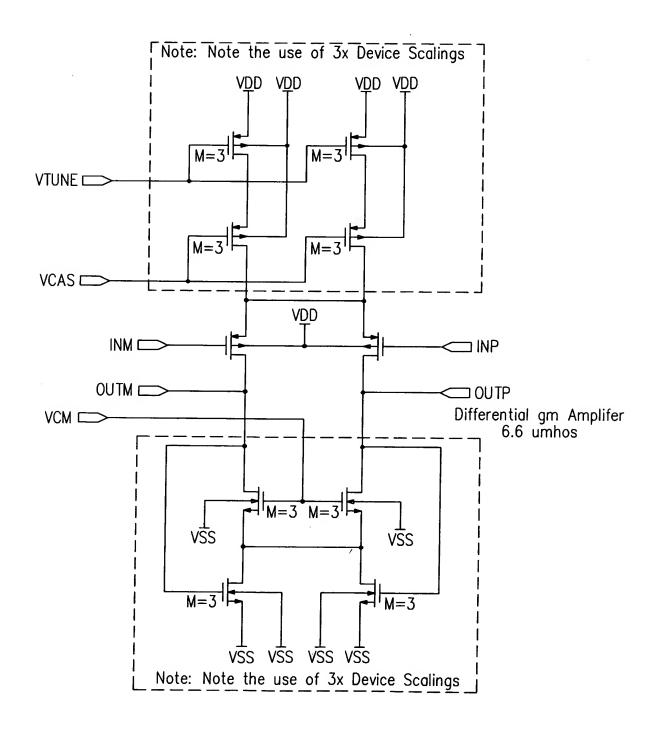


FIG. 54

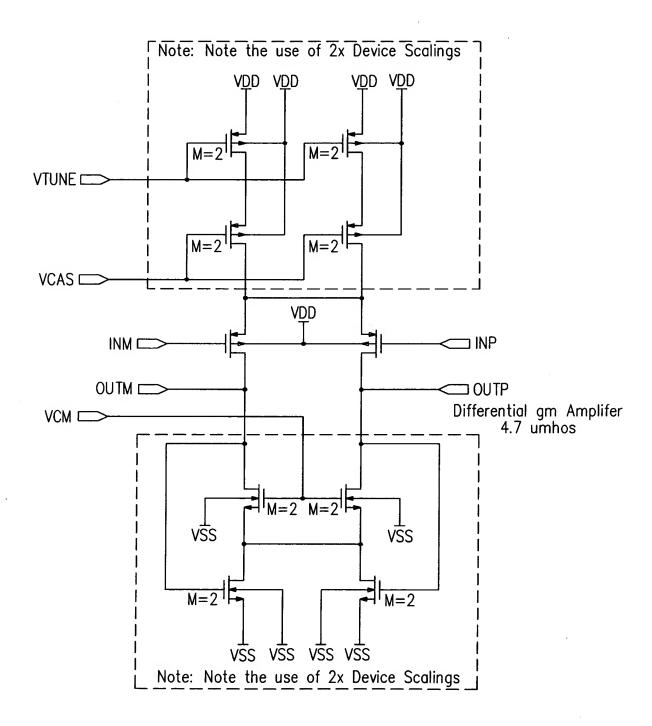


FIG. 55

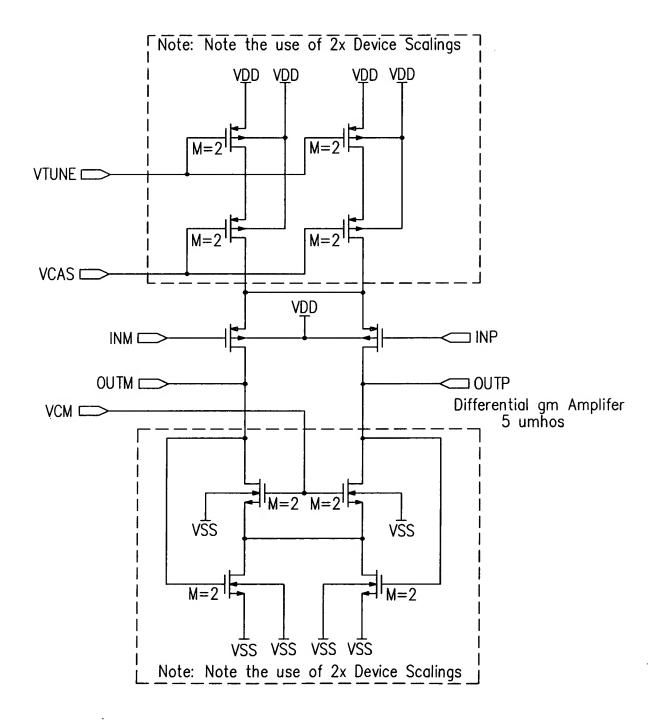


FIG. 56

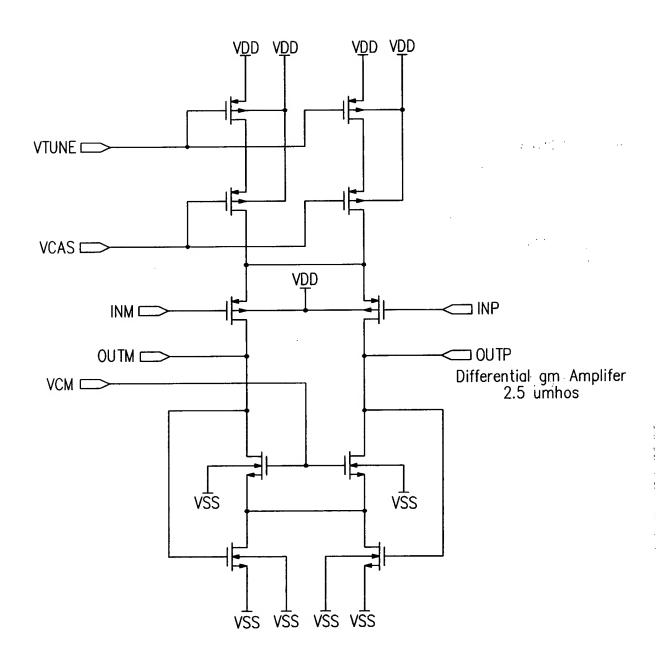


FIG. 57

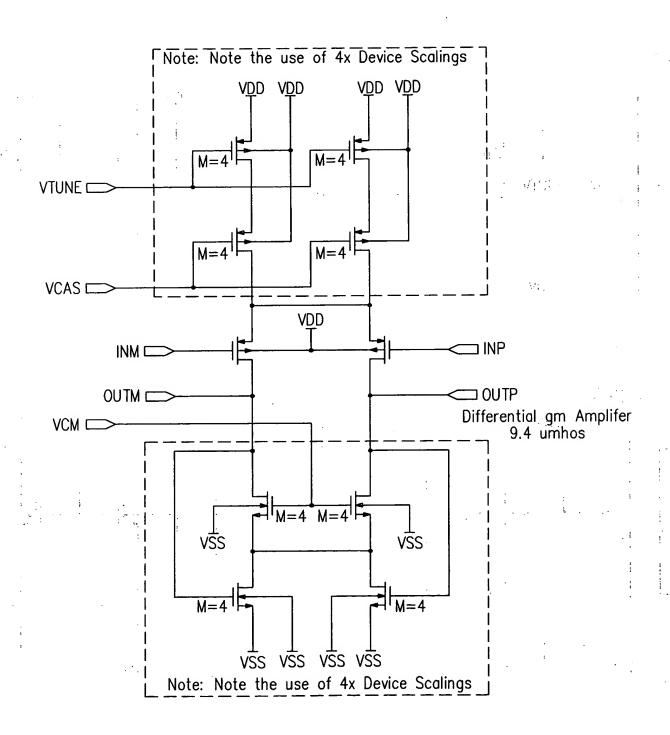
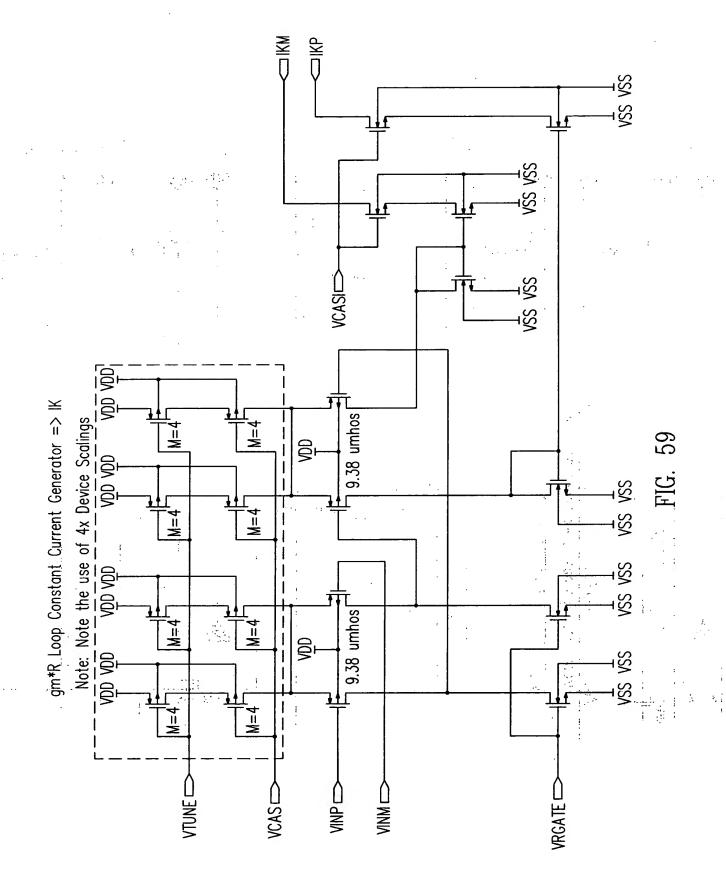
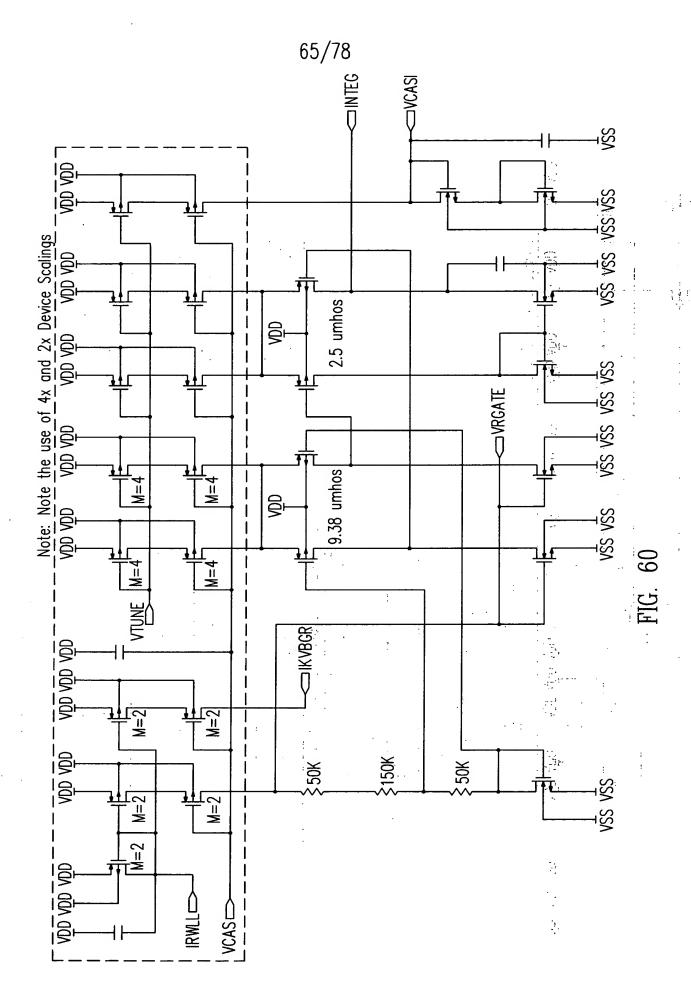
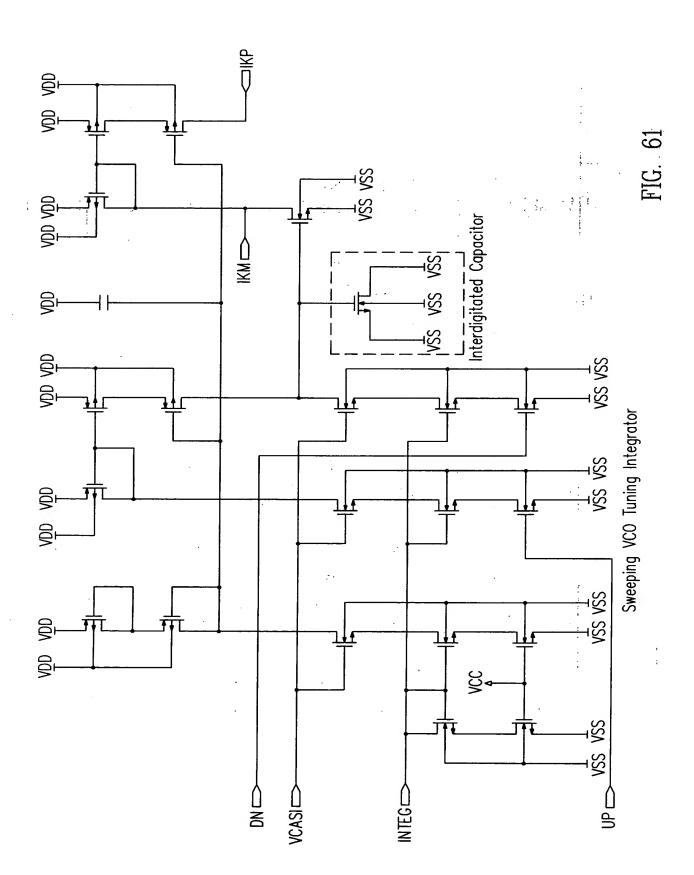
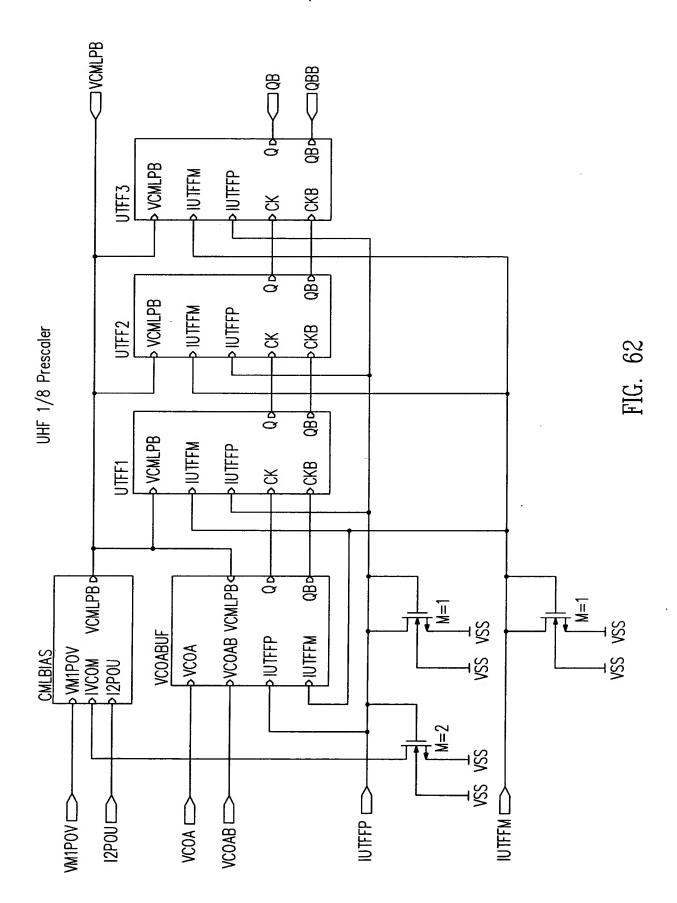


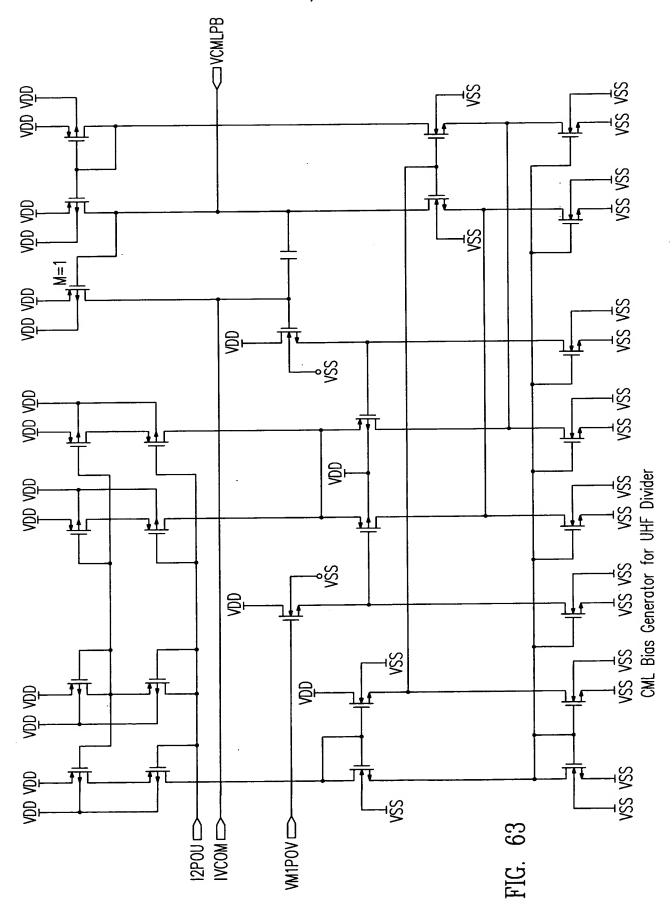
FIG. 58

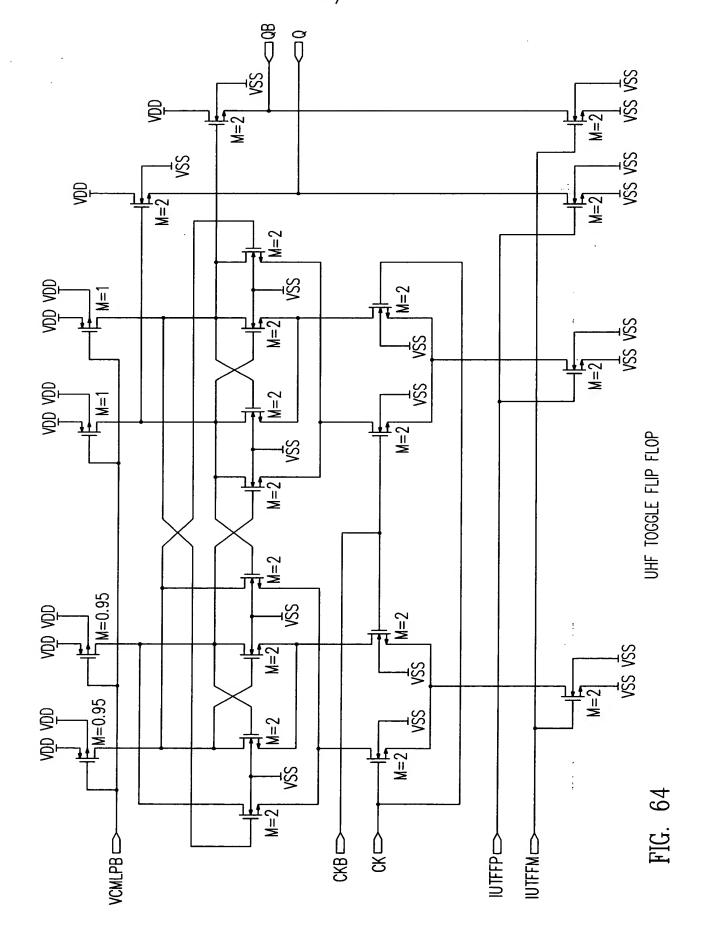


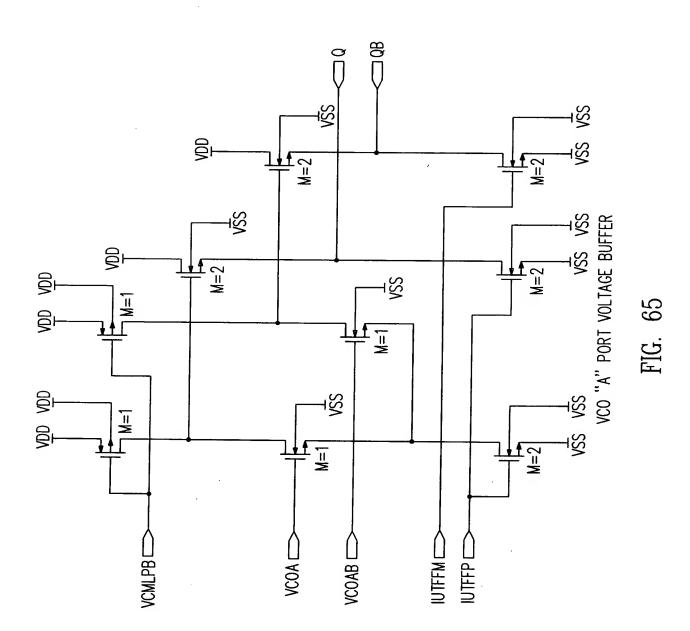


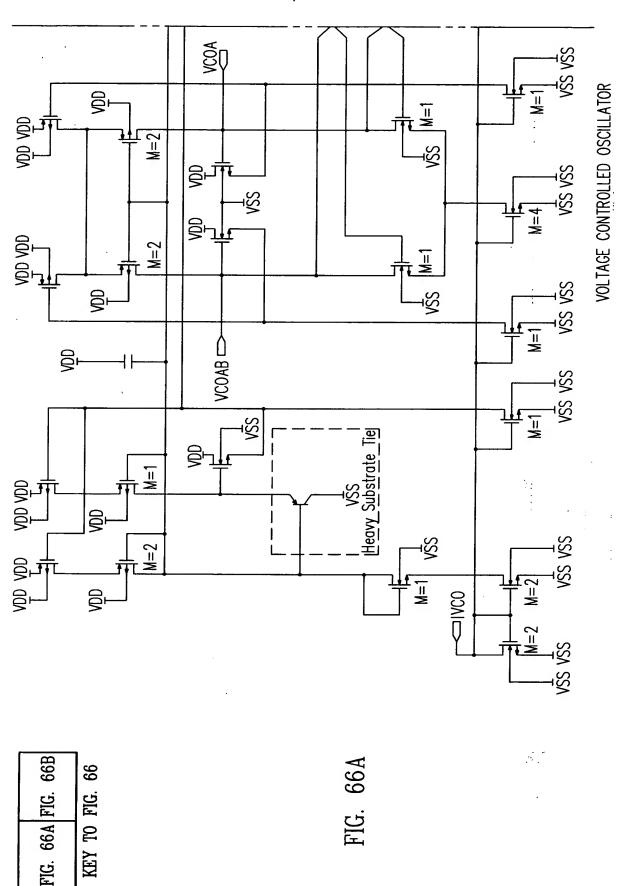


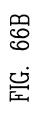


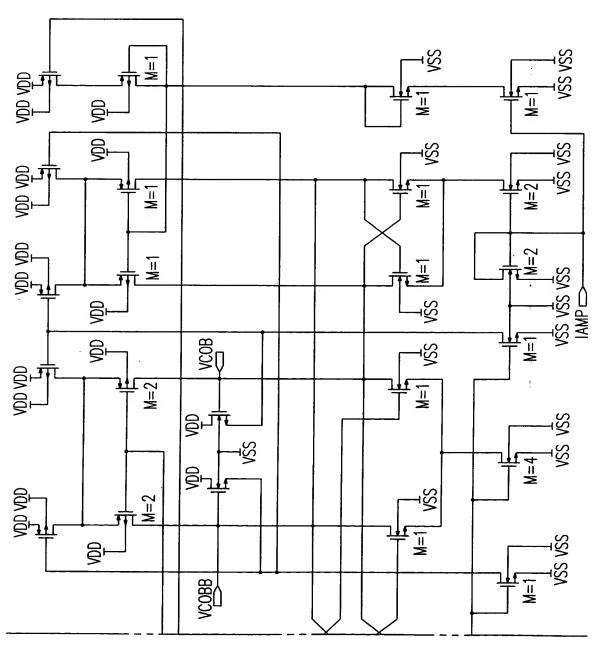












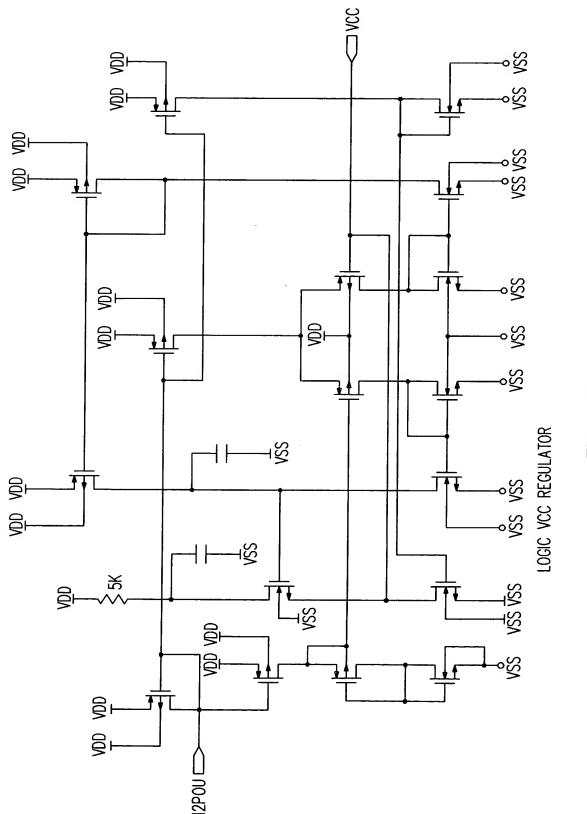
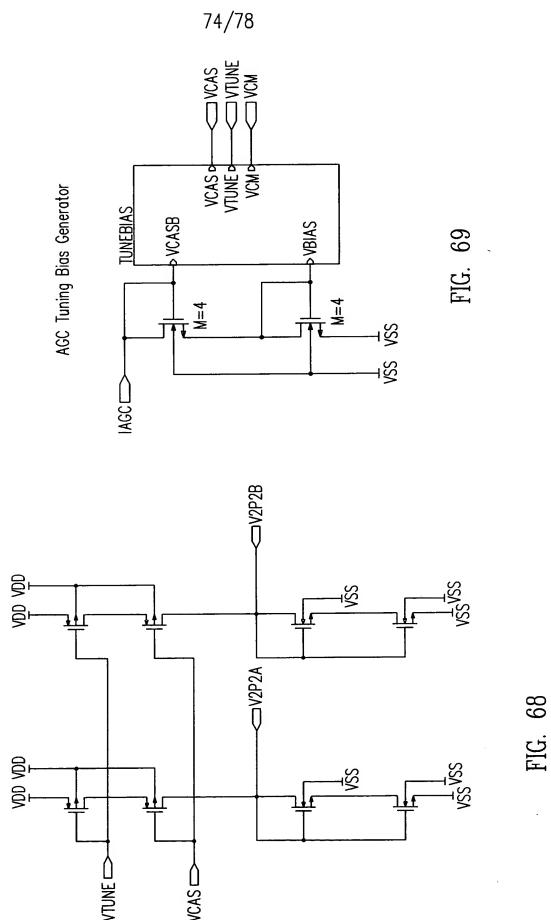
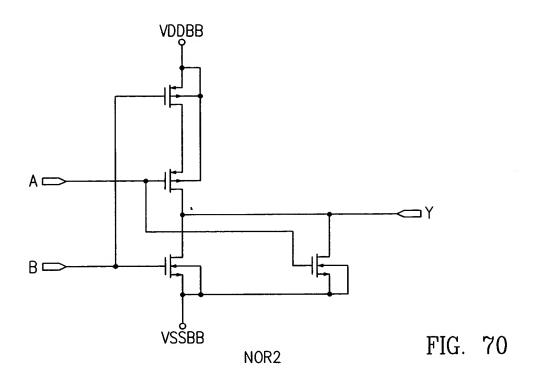
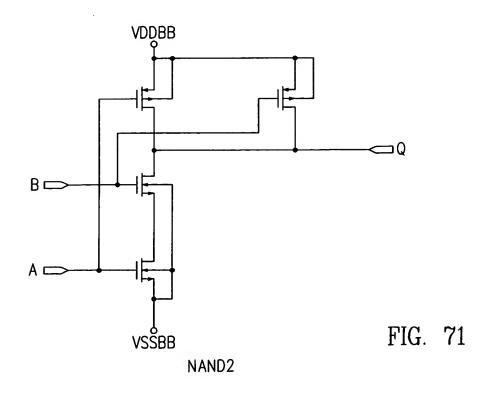


FIG. 67







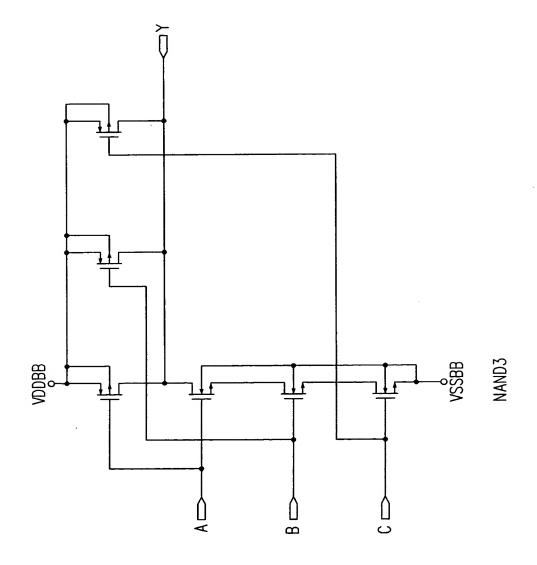


FIG. 72

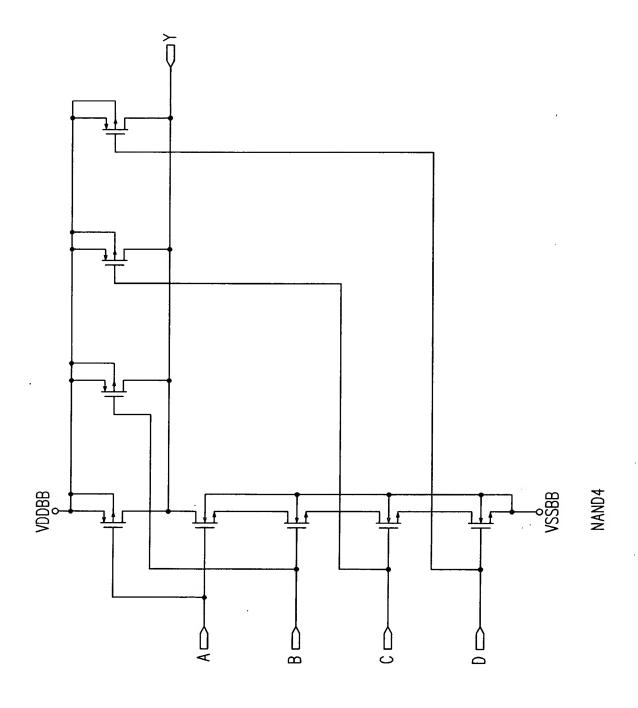


FIG. 73

